10. Summer Job

Program Name: SummerJob.java **Input File: summerjob.dat**

James is hoping to get a summer job flipping burgers at the local Hamburger King. His starting salary will be $7.25 per hour. However, there are certain incentives to encourage him to work extra hours. This is the way his pay will be figured per day:

- $7.25 for the first 6 hours he works per day, Monday through Friday.
- $8.25 for the next 2 hours he works per day, Monday through Friday.
- $11.25 for each hour he works over 8 hours in a day, Monday through Friday.
- On Saturday and Sunday, his pay is $11.25 per hour regardless of the number of hours he works.
- He will receive an additional $4 per hour bonus for each hour he works over 40 hours in a week.

You are to write a program that will compute the amount of money James would receive for a week's work given the number of hours James plans to work each day.

Input

The first line of input will contain a single integer `n` that indicates the number of weeks James plans to work. Each of the following `n` lines will contain seven positive doubles less than 12 indicating the number of hours, rounded to the nearest half-hour, that James plans to work each day in order, Sunday through Saturday. Each of the items will be separated by a space.

Output

For each week input, you will print on a separate line, the amount of money James would make that week in the form `$ddd.cc`, where `d` is dollars with no leading zeros and `c` is cents to the nearest penny.

Example Input File

```
4
0 5.5 7 4.5 9 10 4
11 5 8.5 10 3.5 0 0
4 6 6 7.5 4 7 11
9 9 10.5 8.5 6 9 0
```

Example Output to Screen

```
$323.00
$333.50
$414.38
$489.00
```